

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|--|------------------------------|------------------|---------|---------------------|
| L1    | 1    | ("20060030820").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/02/12<br>12:36 |
| L2    | 0    | ("2006/0030820").URPN.   | USPAT                        | OR               | OFF     | 2010/02/12<br>12:43 |
| L3    | 2    | ((("5120314") or<br>("6228065"))).PN.  | USPAT;<br>USOCR              | OR               | OFF     | 2010/02/12<br>12:45 |
| L4    | 4    | ("4713056"   "4986812"  <br>"5000737"   "5021047").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/02/12<br>12:46 |
| L5    | 4    | ("4731068"   "4820272"  <br>"4826483"   "4887999").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/02/12<br>12:46 |
| L6    | 9    | ("2707954"   "4233975"  <br>"4367738"   "4391272"  <br>"4493703"   "4687467"  <br>"4699614"   "4710170").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/02/12<br>12:54 |
| L7    | 5    | ("2753867"   "3742949"  <br>"4233975"   "4367738").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/02/12<br>12:55 |
| L8    | 2    | ("3946732"   "3951146").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/02/12<br>12:57 |
| L9    | 69   | ("4233975").URPN.  | USPAT                        | OR               | OFF     | 2010/02/12<br>12:58 |
| L10   | 6    | ("4233975"   "4941879"  <br>"4995869"   "5045063"  <br>"5259840"   "5347078").<br>PN.                            | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/02/12<br>13:03 |
| L11   | 4    | ("4367738"   "4642102"  <br>"4731068"   "4826483").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/02/12<br>13:04 |
| L12   | 16   | ("4995869").URPN.  | USPAT                        | OR               | OFF     | 2010/02/12<br>13:04 |
| L13   | 6    | ("5484413").URPN.  | USPAT                        | OR               | OFF     | 2010/02/12<br>13:07 |
| L14   | 2    | ("4233975"   "4391272").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2010/02/12<br>13:10 |

|     |    |  |                              |    |     |                     |
|-----|----|--|------------------------------|----|-----|---------------------|
| L15 | 6  | ("5034002").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>13:10 |
| L16 | 2  | ("4233975"   "4391272").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/12<br>13:12 |
| L17 | 25 | ("4932941").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>13:12 |
| L18 | 8  | ("4713056"   "4878899"  <br>"4932941"   "4973316"  <br>"5019044"   "5021047"  <br>"5045063"   "5308331").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/12<br>13:14 |
| L19 | 6  | ("4391272"   "4775364"  <br>"4863427"   "4929231"  <br>"4932941"   "4950243").<br>PN.                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/12<br>13:57 |
| L20 | 5  | ("3705582"   "3941129"  <br>"4173227"   "4252118"  <br>"4439187").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/12<br>13:57 |
| L21 | 14 | ("4950243").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>13:57 |
| L22 | 3  | ("4391272"   "4493703"  <br>"4713056").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/12<br>13:59 |
| L23 | 5  | ("4929231").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>14:00 |
| L24 | 4  | ("5308331").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>14:00 |
| L25 | 4  | ("2893390"   "4233975"  <br>"4479801").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/12<br>14:04 |
| L26 | 12 | ("4832693").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>14:04 |
| L27 | 10 | ("5120314").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>14:06 |
| L28 | 51 | ("4493703").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>14:09 |
| L29 | 3  | ("4367738"   "4391272"  <br>"4650468").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/12<br>14:13 |
| L30 | 29 | ("4820272").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>14:14 |
| L31 | 7  | ("4731068"   "4820272"  <br>"4840616"   "4846796"  <br>"4909795"   "5021047"  <br>"5037394").PN.                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/12<br>14:15 |

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|-----|-----|--|------------------------------|----|-----|---------------------|
| L32 | 13  | ("5259840").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>14:15 |
| L33 | 9   | ("4801295"   "4813940"  <br>"4820272"   "4826491"  <br>"4994045"   "5024660"  <br>"5057079"   "5104385"  <br>"5147326").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/12<br>14:18 |
| L34 | 39  | ("5222945").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>14:18 |
| L35 | 15  | ("1668315"   "2764978"  <br>"3402713"   "4391272"  <br>"4493703"   "4496344"  <br>"4563174"   "4781684"  <br>"4820272"   "4826483"  <br>"4826490"   "4883466").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/02/12<br>14:23 |
| L36 | 19  | ("5019045").URPN.  | USPAT                        | OR | OFF | 2010/02/12<br>14:24 |
| L37 | 0   | ("2006/0030820").URPN.   | USPAT                        | OR | OFF | 2010/02/12<br>14:27 |
| S1  | 8   | ((("5037393") or<br>("4820272") or<br>("5395339") or<br>("5222945") or<br>("1106194") or<br>("4832693") or<br>("5021047"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/11/20<br>12:32 |
| S2  | 0   | S1 and flush\$3  | USPAT                        | OR | OFF | 2006/11/20<br>12:32 |
| S3  | 224 | (604/220).CCLS.  | USPAT;<br>USOCR              | OR | OFF | 2006/11/20<br>12:32 |
| S4  | 5   | S3 and flush\$3  | USPAT                        | OR | OFF | 2006/11/20<br>12:34 |
| S5  | 581 | (604/187).CCLS.  | USPAT;<br>USOCR              | OR | OFF | 2006/11/20<br>12:35 |
| S6  | 51  | S5 and flush\$3  | USPAT                        | OR | OFF | 2006/11/20<br>12:35 |

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|-----|-----|---|------------------------------|----|-----|---------------------|
| S7  | 33  | ("2452591"   "2860635"  <br>"3380489"   "3930492"  <br>"3987930"   "4044757"  <br>"4826483"   "4906231"  <br>"4915692"   "5085640"  <br>"5090962"   "5116320"  <br>"5211629"   "5242405"  <br>"5304138"   "5308322"  <br>"5322515"   "5370620"  <br>"5395339"   "5496288"  <br>"5593387"   "5807343"  <br>"5814017"   "5817064"  <br>"5820603"   "5899889"  <br>"5985962"   "D383205"  <br>"D403064"   "D406643").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/11/20<br>12:37 |
| S8  | 49  | ("2737948"   "3291151"  <br>"3494359"   "3511239"  <br>"3563240"   "3680558"  <br>"3730170"   "3807119"  <br>"3835835"   "3835855"  <br>"3976069"   "3985122"  <br>"4051852"   "4078565"  <br>"4437858"   "4439184"  <br>"4453934"   "4464174"  <br>"4496344"   "4609371"  <br>"4610666"   "4655747"  <br>"4673386"   "4693706"  <br>"4702737"   "4715854"  <br>"4792329"   "4799494"  <br>"4834714"   "4838855"  <br>"4865583"   "4920970"  <br>"4932944"   "4941876"  <br>"4979941"   "4979942"  <br>"4986278"   "4989606"  <br>"4994043"   "5007903"  <br>"5048537"   "5078691"  <br>"5102388"   "5125892"  <br>"5147323").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/11/20<br>12:49 |
| S9  | 11  | S8 and flush\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/11/20<br>12:49 |
| S10 | 26  | ("5522804").URPN.   | USPAT                        | OR | OFF | 2006/11/20<br>12:50 |
| S11 | 17  | S10 and flush\$3  | USPAT                        | OR | OFF | 2006/11/20<br>12:54 |
| S12 | 295 | (604/181).CCLS.   | USPAT;<br>USOCR              | OR | OFF | 2006/11/20<br>12:54 |
| S13 | 19  | S12 and flush\$3  | USPAT                        | OR | OFF | 2006/11/20<br>12:55 |

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|-----|------|---|------------------------------|----|-----|---------------------|
| S14 | 1166 | (604/110).CCLS.   | USPAT;<br>USOCR              | OR | OFF | 2006/11/20<br>12:56 |
| S15 | 105  | S14 and flush\$3  | USPAT                        | OR | OFF | 2006/11/20<br>12:56 |
| S16 | 25   | ("4932941").URPN.   | USPAT                        | OR | OFF | 2006/11/20<br>13:07 |
| S17 | 0    | S16 and flush\$3  | USPAT                        | OR | OFF | 2006/11/20<br>13:08 |
| S18 | 140  | (604/111).CCLS.   | USPAT;<br>USOCR              | OR | OFF | 2006/11/20<br>13:08 |
| S19 | 6    | S18 and flush\$3  | USPAT                        | OR | OFF | 2006/11/20<br>13:09 |
| S20 | 459  | (604/93.01).CCLS.   | USPAT;<br>USOCR              | OR | OFF | 2006/11/20<br>13:09 |
| S21 | 88   | S20 and flush\$3  | USPAT                        | OR | OFF | 2006/11/20<br>13:12 |
| S22 | 96   | (syringe with flush\$3) and<br>((prevent\$3 or antireflux)<br>with (reflux or aspirat\$3))  | USPAT                        | OR | OFF | 2006/11/20<br>14:13 |
| S23 | 7    | ((("5222945") or<br>("5021047") or<br>("4820272") or<br>("6743216") or<br>("5593387") or<br>("5116320") or<br>("5522804")).PN.  | USPAT;<br>USOCR              | OR | OFF | 2006/11/20<br>14:15 |
| S24 | 2    | S23 and flush\$3  | USPAT                        | OR | OFF | 2006/11/20<br>14:14 |
| S25 | 214  | ("2452591"   "2737948"  <br>"2860635"   "3291151"  <br>"3380489"   "3478937"  <br>"3494359"   "3511239"  <br>"3563240"   "3667657"  <br>"3680558"   "3730170"  <br>"3807119"   "3835835"  <br>"3835855"   "3930492"  <br>"3934586"   "3951146"  <br>"3967759"   "3976069"  <br>"3985122"   "3987930"  <br>"3998224"   "4044757"  <br>"4051852"   "4078565"  <br>"4121588"   "4233975"  <br>"4367738"   "4391272"  <br>"4437858"   "4439184"  <br>"4453934"   "4464174"  <br>"4496344"   "4571242"  <br>"4609371"   "4610666"  <br>"4650468"   "4655747"  <br>"4673386"   "4693706"  <br>"4699614"   "4702737" | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/11/20<br>14:17 |

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|-----|----|--|------------------------------|----|-----|---------------------|
|     |    | "4715854"   "4731068"  <br>"4781684"   "4792329"  <br>"4799494"   "4801295"  <br>"4813940"   "4820272"  <br>"4826483"   "4826491"  <br>"4834714"   "4838855"  <br>"4863072"   "4865583"  <br>"4887999"   "4906231"  <br>"4915692"   "4920970"  <br>"4932941"   "4932944"  <br>"4941876"   "4979941"  <br>"4979942"   "4986278"  <br>"4989606"   "4994043"  <br>"4994045"   "5007903"  <br>"5024660"   "5048537"  <br>"5057079"   "5078691"  <br>"5085640"   "5090962"  <br>"5102388"   "5104385"  <br>"5106372"   "5116320"  <br>"5125892"   "5147323"  <br>"5147326"   "5211629"  <br>"5242405"   "5304138"  <br>"5308322"   "5322515"  <br>"5370620"   "5395339"  <br>"5496288"   "5593387"  <br>"5807343"   "5814017"  <br>"5817064"   "5820603"  <br>"5899889"   "5985962"  <br>"D383205"   "D403064"  <br>"D406643").PN. OR<br>("4820272"   "5021047"  <br>"5116320"   "5222945"  <br>"5522804"   "5593387"  <br>"6743216").URPN. |                              |    |     |                     |
| S26 | 51 | S25 and flush\$3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/11/20<br>14:17 |
| S27 | 16 | ("5308322").URPN.  | USPAT                        | OR | OFF | 2006/11/20<br>14:21 |
| S28 | 21 | ("3911916"   "3923053"  <br>"4067333"   "4629455"  <br>"4702737"   "4747829"  <br>"4861335"   "4932944"  <br>"5102388"   "5308322"  <br>"5415648"   "5476449"  <br>"5509912"   "5637087"  <br>"5709668"   "5743886"  <br>"5776113"   "5950986"  <br>"6485471"   "6524278"  <br>"6599273").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/11/20<br>14:24 |
| S29 | 5  | ("6723074").URPN.  | USPAT                        | OR | OFF | 2006/11/20<br>14:36 |

|     |     |   |                              |    |     |                  |
|-----|-----|---|------------------------------|----|-----|------------------|
| S30 | 42  | iv with flush\$3 with catheter  | USPAT                        | OR | OFF | 2006/11/20 16:19 |
| S31 | 0   | flush\$3 with catheter with antireflux  | USPAT                        | OR | OFF | 2006/11/20 14:41 |
| S32 | 0   | flush\$3 with catheter with anti-reflux   | USPAT                        | OR | OFF | 2006/11/20 14:41 |
| S33 | 0   | flush\$3 with syringe with anti-reflux  | USPAT                        | OR | OFF | 2006/11/20 14:41 |
| S34 | 0   | flush\$3 with syringe with antireflux   | USPAT                        | OR | OFF | 2006/11/20 14:42 |
| S35 | 1   | ("4820272").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/11/20 14:45 |
| S36 | 1   | ("5522804").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/11/20 15:07 |
| S37 | 1   | ("5069908").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/11/20 15:08 |
| S38 | 1   | ("5990179").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/11/20 15:32 |
| S39 | 1   | ("5522804").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/11/20 15:32 |
| S40 | 150 | syringe with flush\$3 with catheter   | USPAT                        | OR | OFF | 2006/11/20 16:19 |
| S41 | 20  | ("3675891"   "4210178"   "4228802"   "4245636"   "4291702"   "4300571"   "4341224"   "4414999"   "4497468"   "4624662"   "4645496"   "4954129"   "5171230"   "5279280"   "5334153"   "5549548"   "5578002"   "5624662"   "5662585"   "D279407").PN.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/11/20 16:21 |
| S42 | 0   | ("6830563").URPN.   | USPAT                        | OR | OFF | 2006/11/20 16:22 |
| S43 | 21  | ("3911916"   "3923053"   "4067333"   "4629455"   "4702737"   "4747829"   "4861335"   "4932944"   "5102388"   "5308322"   "5415648"   "5476449"   "5509912"   "5637087"   "5709668"   "5743886"   "5776113"   "5950986"   "6485471"   "6524278"   "6599273").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/11/20 16:28 |
| S44 | 10  | ("5743886").URPN.   | USPAT                        | OR | OFF | 2006/11/20 17:08 |

|     |    |   |                              |    |     |                     |
|-----|----|---|------------------------------|----|-----|---------------------|
| S45 | 1  | ("5743886").PN.   | USPAT;<br>USOCR              | OR | OFF | 2006/11/20<br>17:08 |
| S46 | 3  | ("4367738"   "4391272"  <br>"4650468").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/06<br>11:30 |
| S47 | 10 | ("2375711"   "2607343"  <br>"3045674"   "3946732"  <br>"3951146"   "4030498"  <br>"4233975").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/06<br>11:33 |
| S48 | 46 | ("4391272").URPN.   | USPAT                        | OR | OFF | 2007/08/06<br>11:34 |
| S49 | 6  | ("4391272"   "4775364"  <br>"4863427"   "4929231"  <br>"4932941"   "4950243").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/06<br>11:37 |
| S50 | 4  | ("5308331").URPN.   | USPAT                        | OR | OFF | 2007/08/06<br>11:38 |
| S51 | 19 | ("3114135"   "4367738"  <br>"4391272"   "4493703"  <br>"4713056"   "4731068"  <br>"4775363"   "4775364"  <br>"4781684"   "4790822"  <br>"4808169"   "4820272"  <br>"4826484"   "4915692"  <br>"4923443"   "4932941"  <br>"4950243"   "4961728").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/06<br>11:43 |
| S52 | 4  | ("4233975"   "4391272"  <br>"4493703"   "4731068").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/06<br>11:46 |
| S53 | 42 | ("4781684").URPN.   | USPAT                        | OR | OFF | 2007/08/06<br>11:47 |
| S54 | 15 | ("5106372").URPN.   | USPAT                        | OR | OFF | 2007/08/06<br>11:55 |
| S55 | 46 | ("4391272").URPN.   | USPAT                        | OR | OFF | 2007/08/06<br>12:01 |
| S56 | 25 | ("4820272").URPN.   | USPAT                        | OR | OFF | 2007/08/06<br>12:26 |
| S57 | 1  | ("4781684").PN.   | USPAT;<br>USOCR              | OR | OFF | 2007/08/06<br>12:38 |
| S58 | 1  | ("4820272").PN.   | USPAT;<br>USOCR              | OR | OFF | 2007/08/06<br>12:38 |
| S59 | 1  | ("4781684").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/17<br>18:04 |
| S60 | 1  | ("20060030820").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/17<br>18:11 |



|     |      |  |                              |    |     |                     |
|-----|------|--|------------------------------|----|-----|---------------------|
| S61 | 1    | ("20050197563").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/18<br>09:47 |
| S62 | 4    | ("4233975"   "4391272"  <br>"4493703"   "4731068").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/18<br>12:43 |
| S63 | 44   | ("4781684").URPN.  | USPAT                        | OR | OFF | 2008/04/18<br>14:47 |
| S64 | 21   | S63 and friction\$4  | USPAT                        | OR | OFF | 2008/04/18<br>14:51 |
| S65 | 1325 | syringe and (coefficient<br>with friction\$4)  | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/18<br>15:34 |
| S66 | 52   | syringe with (coefficient<br>with friction\$4)   | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/18<br>15:34 |
| S67 | 0    | ("2006/0030820").URPN.   | USPAT                        | OR | OFF | 2008/04/18<br>15:52 |
| S68 | 0    | ("2006/0030820").URPN.   | USPAT                        | OR | OFF | 2008/04/18<br>15:52 |
| S69 | 89   | S65 and (plunger or piston<br>or stopper) with<br>(coefficient with friction\$4)   | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/18<br>16:18 |
| S70 | 0    | ("2006/0247582").URPN.   | USPAT                        | OR | OFF | 2008/04/18<br>16:23 |
| S71 | 1325 | syringe and (coefficient<br>with friction\$4)  | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/19<br>12:36 |
| S72 | 368  | S71 and ((high\$2) with<br>(coefficient with friction<br>\$4))   | US-PGPUB;<br>USPAT           | OR | ON  | 2008/04/19<br>12:36 |
| S73 | 4    | ("4233975"   "4391272"  <br>"4493703"   "4731068").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/19<br>14:14 |
| S74 | 44   | ("4781684").URPN.  | USPAT                        | OR | OFF | 2008/04/19<br>14:15 |
| S75 | 9    | ((("5106372") or<br>("3050059") or<br>("4057052") or<br>("5496285") or<br>("5902271") or<br>("6361524") or<br>("6171287") or<br>("5807374")).PN. | USPAT;<br>USOCR              | OR | OFF | 2008/04/19<br>14:54 |

|     |    |   |                              |    |     |                     |
|-----|----|---|------------------------------|----|-----|---------------------|
| S76 | 11 | (( "5037393" ) or<br>("5593387") or<br>("4973310") or<br>("4950240") or<br>("4731068") or<br>("4493703") or<br>("4367738") or<br>("4057052") or<br>("3478937") or<br>("5120314")).PN.   | USPAT;<br>USOCR              | OR | OFF | 2008/04/19<br>14:57 |
| S77 | 0  | ("20040010235").PN.   | USPAT;<br>USOCR              | OR | OFF | 2008/04/19<br>14:58 |
| S78 | 1  | ("20040010235").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/04/19<br>14:58 |
| S79 | 1  | ("4781684").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>17:24 |
| S80 | 4  | ("4233975"   "4391272"  <br>"4493703"   "4731068").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>17:25 |
| S81 | 2  | ("3946732"   "3951146").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>17:29 |
| S82 | 5  | ("2753867"   "3742949"  <br>"4233975"   "4367738").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>17:29 |
| S83 | 49 | ("4493703").URPN.   | USPAT                        | OR | OFF | 2009/01/17<br>17:29 |
| S84 | 19 | ("3114135"   "4367738"  <br>"4391272"   "4493703"  <br>"4713056"   "4731068"  <br>"4775363"   "4775364"  <br>"4781684"   "4790822"  <br>"4808169"   "4820272"  <br>"4826484"   "4915692"  <br>"4923443"   "4932941"  <br>"4950243"   "4961728").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>17:33 |
| S85 | 5  | ("3705582"   "3941129"  <br>"4173227"   "4252118"  <br>"4439187").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>17:35 |
| S86 | 14 | ("4950243").URPN.   | USPAT                        | OR | OFF | 2009/01/17<br>17:35 |
| S87 | 14 | ("4950243").URPN.   | USPAT                        | OR | OFF | 2009/01/17<br>17:39 |

|     |    |   |                              |    |     |                     |
|-----|----|---|------------------------------|----|-----|---------------------|
| S88 | 10 | ("2375711"   "2607343"   "3045674"   "3946732"   "3951146"   "4030498"   "4233975").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>17:44 |
| S89 | 46 | ("4391272").URPN.   | USPAT                        | OR | OFF | 2009/01/17<br>17:45 |
| S90 | 2  | ("3946732"   "3951146").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>17:51 |
| S91 | 69 | ("4233975").URPN.   | USPAT                        | OR | OFF | 2009/01/17<br>17:52 |
| S92 | 4  | ("4233975"   "4391272"   "4493703"   "4731068").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>17:59 |
| S93 | 45 | ("4781684").URPN.   | USPAT                        | OR | OFF | 2009/01/17<br>17:59 |
| S94 | 52 | ("2453591"   "2860635"   "20040010235"   "20040010235"   "3050059"   "3331538"   "3380489"   "3478937"   "3930492"   "3987930"   "4044757"   "4057052"   "4064879"   "4367738"   "4493703"   "4731068"   "4781684"   "4826483"   "4906231"   "4915692"   "4950240"   "4973310"   "5037393"   "5085640"   "5090962"   "5106372"   "5116320"   "5120314"   "5171287"   "5211629"   "5242405"   "5304138"   "5308322"   "5322515"   "5370620"   "5395339"   "5496285"   "5496288"   "5593387"   "5795337"   "5807312"   "5807343"   "5807374"   "5814017"   "5817064"   "5820603"   "5899881"   "5899889"   "5985962"   "5090962"   "6171287"   "6171287"   "6361524"   "D383205"   "D403064"   "D406643").PN. | USPAT                        | OR | OFF | 2009/01/17<br>18:04 |
| S95 | 4  | ("4713056"   "4986812"   "5000737"   "5021047").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>18:10 |
| S96 | 8  | ("5120314").URPN.   | USPAT                        | OR | OFF | 2009/01/17<br>18:10 |

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|------|----|--|------------------------------|----|-----|---------------------|
| S97  | 15 | ("3478937"   "3667657"  <br>"3934586"   "3951146"  <br>"3967759"   "3998224"  <br>"4121588"   "4233975"  <br>"4391272"   "4439184"  <br>"4571242"   "4699614"  <br>"4781684"   "4863072").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>18:11 |
| S98  | 7  | ("5116320").URPN.  | USPAT                        | OR | OFF | 2009/01/17<br>18:12 |
| S99  | 4  | ((("6004300") or<br>("3889673") or<br>("4064879") or<br>("4865583")).PN.   | USPAT;<br>USOCR              | OR | OFF | 2009/01/17<br>18:17 |
| S100 | 24 | ("20040127859"  <br>"20050010235"  <br>"3889673"   "3303846"  <br>"3331538"   "3618603"  <br>"4064879"   "4865583"  <br>"4064879"   "4543093"  <br>"4664128"   "4781684"  <br>"4950240"   "5006114"  <br>"5106372"   "5147333"  <br>"5201709"   "5215536"  <br>"5246423"   "5259840"  <br>"5314416"   "5370620"  <br>"5509433"   "5735825"  <br>"6004300").PN. | US-PGPUB;<br>USPAT           | OR | OFF | 2009/01/17<br>18:18 |
| S101 | 1  | ("7331942").PN.  | USPAT;<br>USOCR              | OR | OFF | 2009/01/17<br>18:21 |
| S102 | 12 | ("20040010235"  <br>"3050059"   "4057052"  <br>"5037393"   "5496285"  <br>"5795337"   "5807374"  <br>"5899881"   "5902271"  <br>"6171287"   "6361524").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>18:22 |
| S103 | 1  | ("2004/0010235").URPN.   | USPAT                        | OR | OFF | 2009/01/17<br>18:25 |
| S104 | 18 | ("20040010235"  <br>"20040024366"  <br>"20040127859"  <br>"20040127859"  <br>"3050059"   "3331538"  <br>"4057052"   "5037393"  <br>"5098402"   "5120314"  <br>"5135489"   "5496285"  <br>"5807374"   "5836919"  <br>"5899881"   "5902271"  <br>"6171287"   "6361524"  <br>"7104970").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2009/01/17<br>18:28 |

|      |    |   |                    |    |     |                     |
|------|----|---|--------------------|----|-----|---------------------|
| S105 | 47 | ("2453591"  <br>"20040010235"  <br>"3050059"   "3331538"  <br>"3380489"   "3478937"  <br>"3930492"   "3987930"  <br>"4044757"   "4057052"  <br>"4367738"   "4493703"  <br>"4731068"   "4781684"  <br>"4826483"   "4906231"  <br>"4915692"   "4950240"  <br>"4973310"   "5037393"  <br>"5085640"   "5090962"  <br>"5106372"   "5116320"  <br>"5120314"   "5211629"  <br>"5242405"   "5304138"  <br>"5308322"   "5322515"  <br>"5370620"   "5395339"  <br>"5496285"   "5496288"  <br>"5593387"   "5795337"  <br>"5807312"   "5807343"  <br>"5807374"   "5814017"  <br>"5817064"   "5820603"  <br>"5860635"   "5899881"  <br>"5985962"   "6171287"  <br>"6361524").PN. | US-PGPUB;<br>USPAT | OR | OFF | 2009/01/17<br>18:34 |
| S106 | 6  | ("5807374"   "5820601"  <br>"5899881"   "6017330"  <br>"6053894"   "6361524").<br>PN.   | US-PGPUB;<br>USPAT | OR | OFF | 2009/01/17<br>18:40 |
| S107 | 26 | ("20020107485"  <br>"3303846"   "3331538"  <br>"3618603"   "4064879"  <br>"4664128"   "4781684"  <br>"4950240"   "5006114"  <br>"5106372"   "5147333"  <br>"5215536"   "5259840"  <br>"5370620"   "5509433"  <br>"5795337"   "5807374"  <br>"5820601"   "5899881"  <br>"5902271"   "6053894"  <br>"6171278"   "6179812"  <br>"6206861"   "6361524"  <br>"6361528").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/01/17<br>18:41 |

|      |     |  |                              |    |     |                     |
|------|-----|--|------------------------------|----|-----|---------------------|
| S108 | 28  | (<br>"20040010235"  <br>"20040127859"  <br>"3303846"   "3331538"  <br>"3618603"   "4064879"  <br>"4664128"   "4781684"  <br>"4950240"   "5006114"  <br>"5106372"   "5147333"  <br>"5215536"   "5259840"  <br>"5370620"   "5509433"  <br>"5794337"   "5807374"  <br>"5820601"   "5899881"  <br>"5902271"   "6053894"  <br>"6117142"   "6171287"  <br>"6179812"   "6206861"  <br>"6361524"   "6361528").<br>PN.  | US-PGPUB;<br>USPAT           | OR | OFF | 2009/01/17<br>18:50 |
| S109 | 100 | ((<br>"5941850") or<br>"6361524") or<br>("6743216") or<br>("7048720") or<br>("7331942") or<br>("20020099333") or<br>("20020107485") or<br>("20030120255") or<br>("20040116872") or<br>("20040127859") or<br>("20050063857") or<br>("20050065478") or<br>("20050065479") or<br>("20050154353") or<br>("20060030820") or<br>("20060100590") or<br>("20060100591") or<br>("20060247582") or<br>("20070179452") or<br>("20080021414") or<br>("20080119794") or<br>("20080221531") or<br>("20080262439") or<br>("20080319400") or<br>("6997910") or<br>("20050245880") or<br>("5049137") or<br>("5466223") or<br>("5611782") or<br>("5669889") or<br>("5672161") or<br>("5685848") or<br>("5741229") or<br>("5752935") or<br>("5755696") or<br>("5807374") or<br>("5928215") or<br>("20080300550") or | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>19:00 |

("20080300551") or  
("5047017") or  
("5522804") or  
("5697915") or  
("5769825") or  
("6228065") or  
("20010021820") or  
("5549569") or  
("5643218") or  
("5743886") or  
("5421334") or  
("20070088282") or  
("5019041") or  
("5429606") or  
("4515586") or  
("5533993") or  
("6431743") or  
("20020166878") or  
("7101354") or  
("20060142701") or  
("20040035743") or  
("20040039344") or  
("4592744") or  
("4500310") or  
("4543093") or  
("6105230") or  
("6240788") or  
("4758230") or  
("4865592") or  
("5713857") or  
("5807343") or  
("5820603") or  
("5829589") or  
("5865798") or  
("5873462") or  
("5899881") or  
("6004296") or  
("6126640") or  
("4401432") or  
("4589871") or  
("4599082") or  
("4613326") or  
("4878899") or  
("4929232") or  
("4950253") or  
("4961728") or  
("4964866") or  
("4973310") or  
("4994043") or  
("5026355") or  
("5061252") or  
("5188597") or  
("5211630") or  
("5242405") or

|      |     |  |                              |    |     |                     |
|------|-----|--|------------------------------|----|-----|---------------------|
|      |     | ("5273543") or<br>("5282792") or<br>("5308330") or<br>("5308341") or<br>("5338309") or<br>("5338310") or<br>("5344404") or<br>("5429599")).PN.   |                              |    |     |                     |
| S110 | 0   | ("2006/0030820").URPN.   | USPAT                        | OR | OFF | 2009/01/17<br>19:02 |
| S111 | 100 | ((("6743216") or<br>("7331942") or<br>("20020099333") or<br>("20020107485") or<br>("20030120255") or<br>("20040127859") or<br>("20050063857") or<br>("20050065478") or<br>("20050065479") or<br>("20050154353") or<br>("20060030820") or<br>("20060100591") or<br>("20060247582") or<br>("20070179452") or<br>("20080119794") or<br>("20080221531") or<br>("20080262439") or<br>("4500310") or<br>("4543093") or<br>("4581024") or<br>("4599082") or<br>("4613326") or<br>("4713060") or<br>("4929232") or<br>("4961728") or<br>("4964866") or<br>("4973310") or<br>("4986818") or<br>("5026355") or<br>("5209739") or<br>("5242405") or<br>("5273542") or<br>("5273543") or<br>("5308330") or<br>("5338310") or<br>("5344404") or<br>("5489266") or<br>("5522804") or<br>("5598939") or<br>("5601077") or<br>("5611782") or<br>("5674203") or<br>("5713857") or<br>("5746733") or | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/01/17<br>19:08 |



("5752940") or  
("5755696") or  
("5795337") or  
("5807374") or  
("5832971") or  
("5858008") or  
("5865798") or  
("5887633") or  
("5893842") or  
("5899881") or  
("5989219") or  
("6010486") or  
("6036674") or  
("6126643") or  
("6217550") or  
("6221052") or  
("6245046") or  
("6361525") or  
("6409701") or  
("6413237") or  
("6558357") or  
("6585690") or  
("6599268") or  
("6599269") or  
("6632198") or  
("6729370") or  
("6962576") or  
("6986756") or  
("6991618") or  
("6997910") or  
("7048720") or  
("7052482") or  
("7101354") or  
("7195623") or  
("7331934") or  
("7331935") or  
("7387615") or  
("7399293") or  
("7407495") or  
("20010009989") or  
("20010021820") or  
("20010041866") or  
("20020007147") or  
("20030060759") or  
("20040024357") or  
("20040064105") or  
("20040073166") or  
("20040097884") or  
("20040116892") or  
("20040176722") or  
("20040199113") or  
("20040243067") or  
("20050027250") or  
("20050245880") or

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|------|-----|--|------------------------------|----|-----|---------------------|
|      |     | ("20050277891") or<br>("20060052748")).PN.   |                              |    |     |                     |
| S112 | 8   | syringe and ((plunger with<br>(retain\$4 or hold\$3)) with<br>(coefficient\$3))  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/17<br>19:16 |
| S113 | 199 | syringe and ((plunger with<br>(retain\$4 or hold\$3)) with<br>(friction\$4))   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/01/17<br>19:17 |
| S114 | 1   | ("5120314").PN.  | USPAT;<br>USOCR              | OR | OFF | 2009/06/18<br>18:33 |
| S115 | 100 | ((("4500310") or<br>("4543093") or<br>("4581024") or<br>("4599082") or<br>("4613326") or<br>("4713060") or<br>("4929232") or<br>("4961728") or<br>("4964866") or<br>("4973310") or<br>("4986818") or<br>("5026355") or<br>("5209739") or<br>("5242405") or<br>("5273542") or<br>("5273543") or<br>("5308330") or<br>("5338310") or<br>("5344404") or<br>("5489266") or<br>("5522804") or<br>("5598939") or<br>("5601077") or<br>("5611782") or<br>("5674203") or<br>("5713857") or<br>("5746733") or<br>("5752940") or<br>("5755696") or<br>("5795337") or<br>("5807374") or<br>("5832971") or<br>("5858008") or<br>("5865798") or<br>("5887633") or<br>("5893842") or<br>("5899881") or<br>("5989219") or<br>("6010486") or<br>("6036674") or<br>("6126643") or<br>("6217550") or<br>("6221052") or | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/06/18<br>18:35 |

("6245046") or  
("6361525") or  
("6409701") or  
("6413237") or  
("6558357") or  
("6585690") or  
("6599268") or  
("6599269") or  
("6632198") or  
("6729370") or  
("6743216") or  
("6962576") or  
("6986756") or  
("6991618") or  
("6997910") or  
("7048720") or  
("7052482") or  
("7101354") or  
("7195623") or  
("7331934") or  
("7331935") or  
("7331942") or  
("7387615") or  
("7399293") or  
("7407495") or  
("7534233") or  
("7537582") or  
("20010009989") or  
("20010021820") or  
("20010041866") or  
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("20020099333") or  
("20020107485") or  
("20030060759") or  
("20030120255") or  
("20040024357") or  
("20040064105") or  
("20040073166") or  
("20040097884") or  
("20040116892") or  
("20040127859") or  
("20040176722") or  
("20040199113") or  
("20040243067") or  
("20050027250") or  
("20050063857") or  
("20050065478") or  
("20050065479") or  
("20050154353") or  
("20050245880") or  
("20050277891") or  
("20060030820") or  
("20060052748") or  
("20060079839") or

|      |     |   |                              |    |     |                     |
|------|-----|---|------------------------------|----|-----|---------------------|
|      |     | ("20060079848") or<br>("20060100590") or<br>("20060100591")).PN.  |                              |    |     |                     |
| S116 | 0   | ("2006/0030820").URPN.  | USPAT                        | OR | OFF | 2009/06/18<br>18:37 |
| S117 | 0   | ("2004/0176722").URPN.  | USPAT                        | OR | OFF | 2009/06/18<br>18:39 |
| S118 | 38  | ("20020133138"  <br>"20030060758"  <br>"20040024366"  <br>"4826483"   "4846801"  <br>"4906231"   "4915692"  <br>"4973308"   "4995874"  <br>"5000737"   "5000738"  <br>"5098406"   "5211629"  <br>"5246423"   "5263934"  <br>"5312348"   "5395339"  <br>"5593387"   "5782803"  <br>"5928202"   "5989219"  <br>"6010486"   "6053894"  <br>"6165153"   "6193687"  <br>"6196997"   "6206853"  <br>"6238120"   "6287279"  <br>"6361524"   "6387079"  <br>"6391008"   "6398763"  <br>"6409704"   "6497679"  <br>"6520935"   "6582407"  <br>"6599269").PN. | US-PGPUB;<br>USPAT           | OR | OFF | 2009/06/18<br>18:41 |
| S119 | 1   | ("2004/0127859").URPN.  | USPAT                        | OR | OFF | 2009/06/18<br>18:47 |
| S120 | 100 | ((("5941850") or<br>("6361524") or<br>("6743216") or<br>("7048720") or<br>("7331942") or<br>("7534233") or<br>("20020099333") or<br>("20020107485") or<br>("20030120255") or<br>("20040116872") or<br>("20040127859") or<br>("20050063857") or<br>("20050065478") or<br>("20050065479") or<br>("20050154353") or<br>("20060030820") or<br>("20060100590") or<br>("20060100591") or<br>("20060247582") or<br>("20070179452") or<br>("20080021414") or<br>("20080119794") or  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/06/18<br>19:02 |

("20080221531") or  
("20080262439") or  
("20080319400") or  
("20090062740") or  
("6997910") or  
("20050245880") or  
("5049137") or  
("5466223") or  
("5611782") or  
("5669889") or  
("5672161") or  
("5685848") or  
("5741229") or  
("5752935") or  
("5755696") or  
("5807374") or  
("5928215") or  
("20080300550") or  
("20080300551") or  
("5047017") or  
("5522804") or  
("5697915") or  
("5769825") or  
("6228065") or  
("20010021820") or  
("5549569") or  
("5643218") or  
("5743886") or  
("5421334") or  
("20070088282") or  
("5019041") or  
("5429606") or  
("7101354") or  
("20060142701") or  
("4515586") or  
("5533993") or  
("6431743") or  
("20020166878") or  
("20040035743") or  
("20040039344") or  
("4592744") or  
("4500310") or  
("4543093") or  
("6105230") or  
("6240788") or  
("4758230") or  
("4865592") or  
("5713857") or  
("5807343") or  
("5820603") or  
("5829589") or  
("5865798") or  
("5873462") or  
("5899881") or

|      |     |  |                              |    |     |                     |
|------|-----|--|------------------------------|----|-----|---------------------|
|      |     | ("6004296") or<br>("6126640") or<br>("4401432") or<br>("4589871") or<br>("4599082") or<br>("4613326") or<br>("4878899") or<br>("4929232") or<br>("4950253") or<br>("4961728") or<br>("4964866") or<br>("4973310") or<br>("4994043") or<br>("5026355") or<br>("5061252") or<br>("5188597") or<br>("5211630") or<br>("5242405") or<br>("5273543") or<br>("5282792") or<br>("5308330") or<br>("5308341") or<br>("5338309") or<br>("5338310")).PN. |                              |    |     |                     |
| S121 | 11  | (syringe with ((surface with (inside or interior)) with rough\$4))   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/09/28<br>13:49 |
| S122 | 10  | ("2658837"   "2869541"   "2888015"   "3126004"   "3934586"   "3951146").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/09/28<br>13:51 |
| S123 | 0   | ("4392852").URPN.  | USPAT                        | OR | OFF | 2009/09/28<br>13:54 |
| S124 | 2   | (syringe with ((surface with (inside or interior)) with (high with friction \$4)))   | US-PGPUB;<br>USPAT           | OR | ON  | 2009/09/28<br>13:55 |
| S125 | 124 | (syringe with ((surface with (inside or interior)) with (friction\$4)))  | US-PGPUB;<br>USPAT           | OR | ON  | 2009/09/28<br>13:57 |
| S126 | 0   | ("2006/0030820").URPN.   | USPAT                        | OR | OFF | 2009/09/28<br>14:00 |
| S127 | 1   | ("4391272").PN.  | USPAT;<br>USOCR              | OR | OFF | 2009/09/28<br>14:13 |
| S128 | 16  | ("2880725"   "2888923"   "2935067"   "3584626"   "4507117"   "4631057"   "4639249"   "4643199"   "4650468"   "4675005"   "4692156"   "4710170"   "4767413").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/09/28<br>14:23 |

|      |     |  |                              |    |     |                     |
|------|-----|--|------------------------------|----|-----|---------------------|
| S129 | 8   | ("2888923"   "3356089"   "3487834"   "3527216").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/09/28<br>14:24 |
| S130 | 100 | ("4507117").URPN.  | USPAT                        | OR | OFF | 2009/09/28<br>14:25 |
| S131 | 1   | ("5120314").PN.  | USPAT;<br>USOCR              | OR | OFF | 2009/09/28<br>14:44 |
| S132 | 10  | ("5120314").URPN.  | USPAT                        | OR | OFF | 2009/09/28<br>14:52 |
| S133 | 4   | ("4713056"   "4986812"   "5000737"   "5021047").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/09/28<br>14:52 |
| S134 | 20  | (US-20080041516-\$ or US-20060247582-\$ or US-20060167411-\$ or US-20040010235-\$ or US-20040127859-\$).did. or (US-5743886-\$ or US-6997910-\$ or US-6228065-\$ or US-5522804-\$ or US-4781684-\$ or US-6447487-\$ or US-5897034-\$ or US-4969877-\$ or US-5120314-\$ or US-4391272-\$ or US-4233975-\$ or US-5106372-\$ or US-4950243-\$ or US-5021047-\$ or US-4713056-\$).did. | US-PGPUB;<br>USPAT           | OR | OFF | 2009/09/28<br>14:54 |
| S135 | 9   | S134 and integral\$3   | USPAT                        | OR | OFF | 2009/09/28<br>14:54 |
| S136 | 13  | S134 and integral\$3   | US-PGPUB;<br>USPAT           | OR | OFF | 2009/09/28<br>14:54 |

2/ 12/ 2010 3:58:12 PM

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